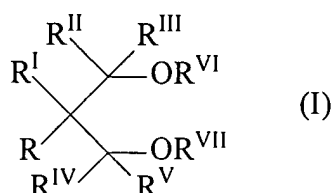


Amendments to the Claims

1. (currently amended): Catalyst components for the polymerization of olefins comprising Mg, Ti, Cl, and OR groups, where R is a C₁-C₁₀ ~~C₁-C₁₀~~-alkyl group optionally containing heteroatoms, or ~~and~~ an ether having two or more ether groups, wherein ~~characterized by the fact that the~~ Mg/Ti weight ratio is lower than 3, ~~the~~ Cl/Ti weight ratio is from 1.5 to 6, ~~the~~ an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4.
2. (currently amended): The catalyst components ~~component~~ according to claim 1 in which the ether having at least two ether groups is selected from ~~among~~ 1,3 diethers of the formula (I):



wherein R, R^I, R^{II}, R^{III}, R^{IV} and R^V, equal to or different from ~~equal or different to~~ each other, are hydrogen or hydrocarbon radicals having from 1 to 18 carbon atoms, and R^{VI} and R^{VII}, equal to or different from ~~are~~ each other, are hydrocarbon radicals having from 1 to 18 carbon atoms; ~~have the same meaning of R-R^V except that they cannot be hydrogen;~~ one or more of the R-R^{VII} groups can be linked to form a cycle.

3. (currently amended): The catalyst components ~~component~~ according to claim 2 in which R^{VI} and R^{VII} are selected from C₁-C₄ alkyl radicals.
4. (currently amended): The catalyst components ~~component~~ according to claim 2 in which the radicals R^{II}-R^V are hydrogen, the radicals R^{VI} and R^{VII} are C₁-C₄ alkyl radicals and the radicals R and R^I, same or different from ~~to~~ each other, are C₁-C₁₈ alkyl ~~C₁-C₁₈ alkyl~~ groups, C₃-C₁₈ cycloalkyl groups, C₆-C₁₈ ~~C₆-C₁₈~~ aryl groups, or C₇-C₁₈ ~~C₇-C₁₈~~ alkylaryl or arylalkyl groups.
5. (currently amended): The catalyst components ~~component~~ according to claim 4 in

which R and R^I are C₁-C₁₀ ~~C₁-C₁₀~~ linear or branched alkyls.

6. (currently amended): The catalyst ~~component~~components according to claim 1 in which the ether having at least two ether groups is a 1,2 diether.
7. (currently amended): The catalyst component according to claim 1 in which the Mg/Ti weight ratio is lower than 2, the Cl/Ti weight ratio is from 2 to 5.5, ~~2 to 5.5~~, and the OR/Ti weight ratio is from 0.7 to 3.
8. (currently amended): The catalyst ~~component~~components according to claim 1 in which at least 60% of the titanium atoms is in a valence state lower than 4.
9. (currently amended): The catalyst ~~component~~components according to claim 7 in which the Mg/Ti weight ratio is lower than 1.5, the Cl/Ti weight ratio is from 2.5 to 5, ~~2.5 to 5~~, and the OR/Ti weight ratio is from 0.7 to 2.5.
10. (currently amended): The catalyst ~~component~~components according to claim 8 in which at least 70% of the titanium atoms ~~is~~are in a valence state lower than 4.
11. (currently amended): Catalyst for the polymerization of olefins obtained by contacting (i) a catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a C₁-C₁₀ ~~C₁-C₁₀~~ alkyl group optionally containing heteroatoms, or ~~and~~ an ether having two or more ether groups, wherein ~~characterized by the fact that the~~ Mg/Ti weight ratio is lower than 3, ~~from 2 to 6.5 the~~ Cl/Ti weight ratio is from 1.5 to 6, ~~the~~an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms ~~is~~are in a valence state lower than 4, with (ii) ~~(b)~~ an organoaluminum compound.
12. (original): The catalyst according to claim 11 in which the organoaluminum compound is selected from trialkyl aluminum compounds.
13. (currently amended): The catalyst according to claim 11 in which the organoaluminum compound is selected from mixtures of trialkylaluminum and ~~trialkylaluminum's with~~ alkylaluminum halides.
14. (currently amended): The catalyst according to claim 13 in which the alkylaluminum halide is selected from ~~among~~ diethylaluminum chloride, diisobutylaluminum chloride, Al-sesquichloride and dimethylaluminum chloride.
15. (currently amended): A process ~~Process~~ for the (co)polymerization of olefins, CH₂=CHR, where R is H or a C₁-C₁₂ ~~C₁-C₁₂~~ hydrocarbon group, carried out in the presence of a catalyst for the polymerization of olefins obtained by contacting (i) a

catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a C₁-C₁₀ alkyl group optionally containing heteroatoms, or an ether having two or more ether groups, wherein a Mg/Ti weight ratio is lower than 3, a Cl/Ti weight ratio is from 1.5 to 6, an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4, with (ii) an organoaluminum compound. the catalyst according to anyone of the claims 11-14.

16. (currently amended): The process ~~Process~~ according to claim 15 in which the olefins copolymerized are ethylene and one or more alpha-olefins having from 3 to 12 carbon atoms.